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Message Text

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PAGE 01 SEOUL 06105 130720Z
ACTION OES-09

INFO OCT-01 EA-10 ISO-00 SOE-02 ACDA-12 PM-05 CIAE-00
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C O N F I D E N T I A L SEOUL 6105

DEPT FOR OES/NET R. LIIMATAINEN

DOE WASHDC FOR J. VANDERRYN AND R. WILLIT

E.O. 11652: GDS
TAGS: TECH ENRG
SUBJ: VISIT OF PLANNING DIRECTOR OF KOREAN MINISTRY OF ENERGY
AND RESOURCES (MER)

REFS: A. STATE 173403, B. SEOUL 1656, C. SEOUL 5701

1. DR. KIM YOON-HYUNG, MER PLANNING DIRECTOR APPRECIATES OPPORTUNITY TO MEET WITH SIEVERING, CREEKMORE AND DOE STAFF ON JULY 20. RATHER THAN VISIT NATIONAL CENTER FOR THE ANALYSIS OF ENERGY SYSTEMS ON JULY 21, REFTEL A, HE WOULD PREFER TO CONTINUE MEETING AT DOE FOR DETAILED DISCUSSION OF POSSIBLE SOLAR ENERGY COOPERATION, REFTEL B, AND MER STAFF TRAINING AT DOE IN ENERGY SYSTEMS ANALYSIS.

2. KIM IS PROPOSING DISCUSSION OF A LETTER AGREEMENT ON SOLAR ENERGY COOPERATION (REFTEL C) ALONG THE FOLLOWING LINES.

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IMPLEMENTING LETTER OF AGREEMENT: SOLAR ENERGY TECHNOLOGY DEMONSTRATION PROJECT.

A. WITHIN THE FRAMEWORK OF THE NOVEMBER 22, 1976, AGREEMENT RELATING TO SCIENTIFIC AND TECHNICAL COOPERATION BETWEEN THE GOVERNMENT OF KOREA AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AND UNDER THE PURVIEW

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OF THE US-KOREA JOINT STANDING COMMITTEE ON NUCLEAR AND OTHER ENERGY TECHNOLOGY MATTERS, THE KOREAN MINISTRY OF ENERGY RESOURCES AND THE US DEPARTMENT OF ENERGY ARE TO COOPERATE IN THE FIELD OF SOLAR ENERGY TECHNOLOGY APPLICATION. AREAS OF COOPERATION WILL INCLUDE THE EXCHANGE OF TECHNOLOGY DERIVED FROM PROGRAMS SPONSORED BY EACH GOVERNMENT INCLUDING GOVERNMENT SUPPORTED STUDIES PERFORMED BY UNIVERSITIES, INSTITUTES AND INDUSTRIAL CONTRACTORS.

B. APPLICATION OF SPECIFIC INTEREST INCLUDE:

--SOLAR DISTILLATION OF SEA WATER TO PRODUCE POTABLE WATER;

--SOLAR CELL GENERATION OF ELECTRICITY FOR ISOLATED COMMUNITIES TO PROVIDE RADIO COMMUNICATION AND COMMUNITY BUILDING LIGHTING AND ENTERTAINMENT (TV AND RADIO);

--SOLAR-WIND POWER HYBRID SYSTEM TO PROVIDE ELECTRICITY FOR SMALL ISOLATED COMMUNITIES;

--SOLAR FARM HOUSE HEATING;

--CROP DRYING;

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--URBAN RESIDENTIAL HOUSE HEATING;

--PUBLIC BUILDING HEATING;

C. THE SCOPE OF THE COOPERATION INVOLVES CONSTRUCTION OF BUILDINGS AND FACILITIES IN KOREA USING UNITED STATES TECHNOLOGY AND EQUIPMENT. THE UNITED STATES CONTRIBUTION INVOLVES REVIEW OF CONCEPTUAL DESIGNS AND RECOMMENDATIONS OF SOLAR SYSTEMS SUITABLE FOR PLANNED PURPOSES AND THE KOREAN CONTRIBUTION INVOLVES THE DESIGN AND CONSTRUCTION OF THE BUILDINGS OR FACILITIES.

D. THIS IMPLEMENTING LETTER OF AGREEMENT SHALL ENTER INTO FORCE ON THE DATE OF SIGNATURE BY THE MINISTER OF ENERGY AND RESOURCES AND THE SECRETARY OF THE ENERGY, OR THEIR DESIGNEES, AND REMAIN IN FORCE FOR FIVE YEARS UNLESS RENEWED BY MUTUAL CONSENT.

THIS IMPLEMENTING LETTER OF AGREEMENT SHALL BE DOCUMENTED BOTH IN KOREAN AND ENGLISH, AND BOTH COPIES SHALL BE EXCHANGED.

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DONE AT ----------, THIS ------DAY OF -------.

MINISTER OF ENERGY AND RESOURCES

SECRETARY OF THE DEPARTMENT OF ENERGY

3. THE DATES FOR KOREA'S FIRST SOLAR ENERGY EXHIBITION, REFTEL C, HAVE TENTATIVELY BEEN CHANGED TO SOMETIME IN
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OCTOBER. THE FAIR, BEING PROMOTED BY MER AND SPONSORED BY THE KOREA ENERGY MANAGEMENT ASSOCIATION (KEMA) IS TO HIGHLIGHT PRACTICAL APPLICATIONS FOR SOLAR HEATING AND COOLING, PHOTOVOLTAIC DEVICES FOR CONVERSTION OF SOLAR ENERGY TO ELECTRICAL ENERGY, THERMAL INSULATION, AND EQUIPMENT FOR EFFICIENT FUEL BURNING AND HEAT CONSERVATION.

4. KINDLY ADVISE FEASIBILITY OF EXTENDING KIM MEETING AT DOE TO INCLUDE DISCUSSION OF ABOVE ON JULY 21.
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